

SEQUENCE LISTING

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<110> Norris et al.
      <120> TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES
      <130> 9175-010
      <140> 09/338,942
      <141> 1999-06-24
      <150> 60/090,560
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ccaccggcac ccccatggta geggccagct cgcgccctgc ctgggaaagc tgtacatgct
                                                                       120
gateggegge gteggtgeeg geggeegggt etteegeetg eteggeggtg eeggteegtg
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eggeettgge gteegeggeg gegegegatg agggeggeae etgggtggtg atecageeae
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tgagggtcaa cattccagtc actccgggaa aaatggaatt cttccattgg atcggcccac
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gegtegegaa ettgageece ettttegteg eecettgaea gggtgegaea ggtagtegea
                                                                       360
gttgtttgac gcaagtcact gattggaaac gccatcggcc tgtcagaaat ggtcgttgcc
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agacctatgg ctggcacccg catcgcggct gcgttaccct tactcctgtt qtqcctttaa
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cctagcaagg ac
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tgcttgtgtt ccagcggtgg caggttgatc cggcgtacat cgccatccac ccggatcatg
                                                                       120
ggtggcaggc cggcggagag gtgcaggtcc gaagcgccct gtttggcact gaaggcgagc
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agctcggtaa tatccatggg actccccaat tacaagcaag caggtagaat gccgccaaag
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ccgccgtctc ggacaaggaa aacaccggat gagccagggt gcttccagga cacgcgtggt
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gtcctgcgcc agacgcggaa cctcgacact ggaacaggaa qatqqccatc qaqqccqqcq
                                                                       360
gtttcgaggg cgtcgagccg acgccgaccg cacttccata gggcqcaqqt aatqtccacq
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atagcagaga atattgcaaa ggttgccgcg cgcatccgtg aggcagcgca agctgcgqqq
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cgcgatccgg ccacggtcgg cctgctcgcc gtgagcaaga ccaagcccgc cgccgcggtg
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 ggcaagcagg ccgaactggc cgacctgccc ttgaactggc acttcatcgg ccccatccag
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 togaacaaga cgcggcccat cgccgagcat ttccagtggg tgcactcggt ggaccggttg
                                                                        720
 aagatcgcgc agcgcctgtc ggagcaacgc ccggccgggc tgccgcccct gaatgtctgc
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 ctgcaggtca acgtcagcgg cgaagccagc aagtccggct gcgcccccga ggacctgccg
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gccctggccg aggccgtgaa gcaactgccc aacctccgat tgcgtggcct gatggccatc
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cccgaaccca ccgccgaacg cgccgcgcaa cacgccgcgt tcgcccgcct gcgcgaactg
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 ctgctggacc tgaaccttgg cctggacacc ctgtccatgg gcatgagcga cgacctcgag
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geagecateg gegaaggtge gacetgggte egeateggta eegecetgtt eggegeeege
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tgtgag
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                                                                       120
acgatgacat tetgetgace agatteaegg teageagaat gteategteg gtteeaggat
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ccggctgcta acaaagcccg aaaggaagct gagttggctg ctgccaccgc tgagcaataa
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ctagcataac cccttggggc ctctaaacgg gtcttgaggg gttttttgct gaaaggagga
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actatateeg gatateeege aagaggeeeg geagtaeegg cataaceaag eetatgeeta
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cagcatccag ggtgacggtg ccgaggatga cgatgagcgc attgttagat ttcatacacg
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gtgcctgact gcgttagcaa tttaactgtg ataaactacc gcattaaagc ttatcgatga
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taagetgtca aacatgagaa tteggegtat aegeegaatt teaagggtet gegeaacgae
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gacgatgagg taccacateg tegtegttge geactgatga ggeegtgagg eegaaaceet
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tgacgcgtaa aaaaaacccg ccccggcggg ttttttaccc ttcctatgcg gccgctctag
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tcgaggggg gcccgctaga actag
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gataacaatt cacaagetta tegatacegt egacetegag etttggaace etgatgagte
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cgtgaggacg aaacgatgac attctgctga ccagattcac ggtcagcaga atgtcatcgt
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cggttccagg atccggctgc taacaaagcc cgaaaggaag ctgagttggc tgctgccacc gctgagcaat aactagcata accecttggg gcctctaaac gggtcttgag gggttttttg ctgaaaggag gaactatatc cggatatccc gcaagaggcc cggcagtacc ggcataacca agcctatgcc tacagcatcc agggtgacgg tgccgaggat gacgatgagc gcattgttag atttcataca cggtgcctga ctgcgttagc aatttaactg tgataaacta ccgcattaaa gcttatcgat gataagctgt caaacatgag aattcggcgt atacgccgaa tttcaagggt ctgcgcaacg acgacgatga ggtaccacat cgtcgtcgtt gcgcactgat gaggccgtga ggccgaaacc cttgacgcgt aaaaaaaacc cgccccggcg ggttttttac gcgttcctat gcggccgctc tag	240 300 360 420 480 540 600 673
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<210> 7 <211> 17 <212> DNA <213> Artificial Sequence	
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<210> 9 <211> 378 <212> DNA <213> E. coli	
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ccgtgaggac gaaacgtgca aaaagatcta gatctaattg ataccctgat gagtccgtga ggacgaaaca gtcagaaaag atctagatct aaattcgttt ctgatgagtc cgtgaggacg aaacaccaca aaagatct	360 378

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<210> 15 <211> 162 <212> DNA <213> Pseudomona	ıs putida				
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4

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1237 1101	
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ttg
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      <221> modified base
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agauccgucc ugaugagucc gugaggacga aacggaucug cagcggccgc
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guuccaggga uccnnnnnc ugaugagucc gugaggacga aannnnnnn nggaauucca
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aggucugcgc aacgacgaug agguaccaca ucgucgucgu ugcgcacuga ugaggccgug
                                                                       240
aggccgaaac ccuugacgcg uuccuaugcg gccgcucuag a
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      <212> DNA
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aggacgaaac ggatctgcag cggatatcca gctttggaac cctgatgagt ccgtgaggac
                                                                       180
gaaacgatga cattctgctg accagattca cggtcagcag aatgtcatcg tcggttccag
                                                                       240
gatecttgcc tgaattccaa gggtctgcgc aacgacgacg atgaggtacc acatcgtcgt
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cgttgcgcac tgatgaggcc gtgaggccga aaccettgac gcgttcctat gcggccgctc
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taga
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acgatgacat totgotgacc agattcacgg toagcagaat gtoatcgtog gttocaggat
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ccggctgcta acaaagcccg aaaggaagct gagttggctg ctgccaccgc tgagcaataa
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ctagcataac cccttggggc ctctaaacgg gtcttgaggg gttttttgct gaaaggagga
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cagcatccag ggtgacggtg ccgaggatga cgatgagcgc attgttagat ttcatacacg
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gtgcctgact gcgttagcaa tttaactgtg ataaactacc gcattaaagc ttatcgatga
                                                                       480
taagetgtca aacatgagaa tteggegtat aeggeegaat tteaagggte tqeqeaacga
                                                                       540
cgacgatgag gtaccacatc gtcgtcgttg cgcactgatg aggccgtgag gccgaaaccc
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ttgacgcgta aaaaaaaccc gccccggcgg gttttttacc cttcctatgc ggccgctcta
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686

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